

OBJECTIVE EXAM

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Key Features

```
*****
::WELCOME TO THE OBJECTIVE EXAM APPLICATION::
*****

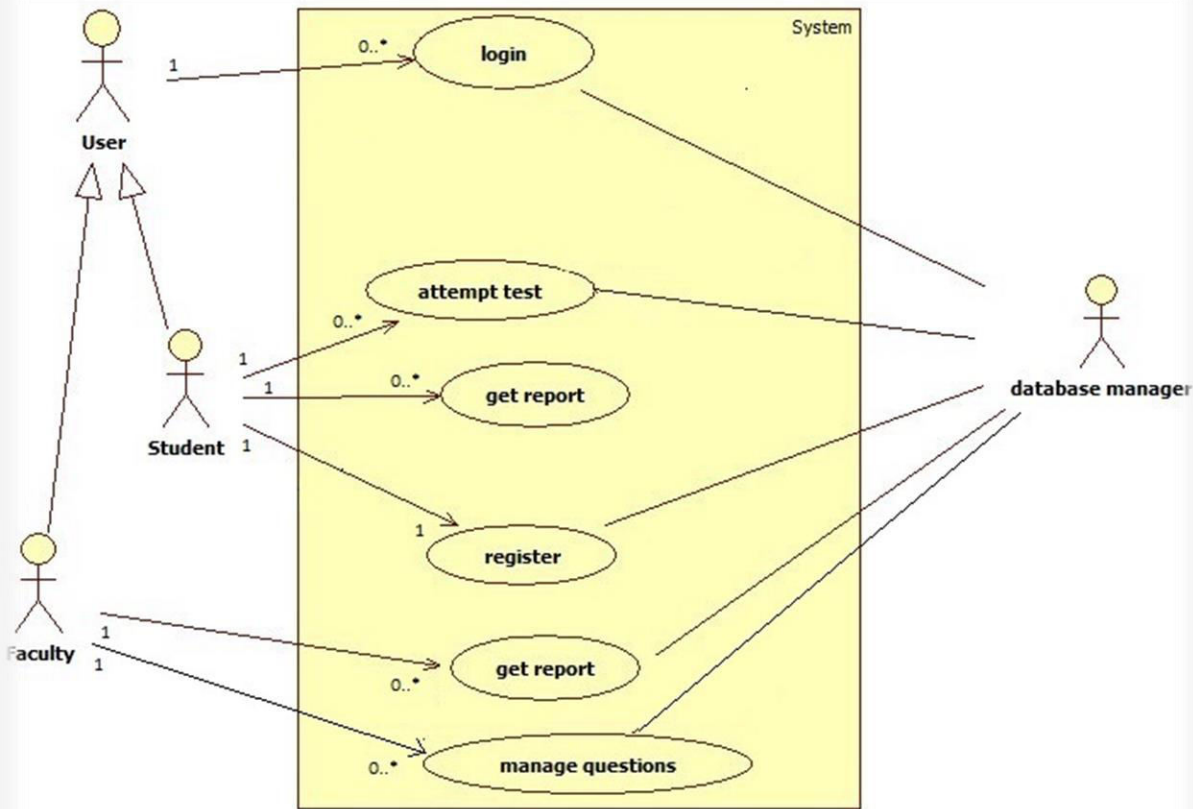
1. Register New Student
2. Give Test
3. Get Student Result
4. Professor Login
5. EXIT

*****

ENTER YOUR CHOICE (1, 2, 3, 4):
```

- An objective exam portal for the students to attempt the exam of desired course.
- Students should register using his name and date of birth. He can also view his result.
- A convenient way for the faculties (Admin) to generate and manage database of questions.
- Faculty member (Admin) can also view result of the student.

Design



- MAIN USERS

- Student
- Faculty member (Admin)

- USECASES

- Login : Admin , Student
- Register : Student
- Attempt Test : Student
- View Result : Admin, Student
- Manage Questions : Admin

Database / Files

- Used '.dat' files to create the database of students and questions.
 - Students database : STUDENT.DAT
 - Questions database :
 1. ENGLISH_QUES.DAT
 2. PHYSICS_QUES.DAT
 3. CHEMISTRY_QUES.DAT
 4. MATHS_QUES.DAT
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Things that could not be implemented

- Time constraint while attempting test.

Additional Features Implemented

- Faculty member (Admin) can edit student details.
 - He can edit number of questions to be asked for test and marks assigned to a question.
 - Assigning rank
-

Unit and System Testing

- The test cases were identified to check -
 1. Functionalities of the software
 2. Whether exceptions are handled properly or not
 - NO use of any Automated tools
 - All the test cases are verified for different inputs
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Hostel Expenditure Planning

TESTING



List of Use cases tested



Testing

```
.....HOTEL EXPENDITURE PLANNER.....
```

```
Select from the following
```

```
1 -> Hotelier  
2 -> Director  
3 -> exit  
1
```

```
Enter Your User Id  
Shreya
```

```
Enter Your Password  
*****
```

- Identified functionalities of the software and detected activities more vulnerable to faults.
- Wrong data values were given as input to identify the errors
- How many functions tested
- How many functions were correct, how many were incorrect
- Login functionality was not working properly.

Conclusion

- Software provides an easy assessment platform for student and faculty.
 - Well tested over all possible inputs.
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DEMO





THANK YOU

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